SkyPi Backend Storage

**Operating System:** CentOS 7, a RedHat based Linux Distro

**Required Addons:** MondoDB, Java 8, Node.JS

**Server Platform:** Microsoft Azure, with UTS Failover

**Things considered:**

Server should be off site and act as a central hub for the transmission and aggregation of SkyPi Data.

All group members should be able to access the server remotely using SSH or RDP connections

Server must have support for Python, Java, Node.JS, and PHP

Server must host a MondoDB database without compromising on data aggregation and web service capabilities

Server must be able to serve a webpage with relevant data

Server must analyze data and sending alerts to users based on inputted parameters

**References:**   
**CentOS 7 Install Requirements:** bit.ly/2Nzwxhl  
**MondoDB System Requirements:** bit.ly/2N6d8Fg  
**MondoDB Install Walkthrough:** bit.ly/2x5zlnx  
**Configure CentOS 7 as a LAMP Server:** bit.ly/2p254Xt  
**Node.JS Requirements and Install:** do.co/1st6EQr